

CLAIMS

1. A system including
an integrated element capable of combining the capabilities of a console
and controller;
the integrated element being included in a housing capable of being hand-
held;
the housing including a location capable of receiving a cartridge, the car-
tridge being capable of being inserted and removed.
2. A system as in claim 1, wherein the cartridge includes at least some
rewritable memory elements.
3. A system as in claim 1, wherein the software includes at least some
elements that have been dynamically replaced or upgraded.
4. A system as in claim 1, including
a communication link to at least one general purpose computing device;
and
the software including at least one element capable of supporting interac-
tive communication between the integrated element and at least one of: a network
router, a remote game console, a remote output device, or a server.

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2 5. A system as in claim 4, wherein the communication link includes
3 an audio or video output from the integrated element to a substantially remote output
4 device.

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6 6. A system as in claim 4, wherein the communication link includes
7 an input from a substantially remote supplemental console to the integrated element.

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9 7. A system as in claim 4, wherein the communication link is capable
10 of supporting a dynamic replacement or update of at least one software element at the
11 integrated element.

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13 8. A system as in claim 4, wherein the software includes at least one
14 element capable of supporting a game with multiple consoles.

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16 9. A system as in claim 4, wherein the software includes at least one
17 element capable of supporting a contest among multiple players, the contest being ad-
18 judicated at either one of the integrated elements, or at a server.

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20 10. A system as in claim 9, wherein the contest includes a memory
21 having an aggregate measure or a statistical measure of scores achieved by multiple
22 players, each one of the multiple players being associated with an instance of a game.

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2 11. A system as in claim 1, including a communication link to at least
3 one supplemental console, the communication link being capable of supporting com-
4 munication between the supplemental console and at least one of: an output device or
5 the integrated element.

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7 12. A system as in claim 11, wherein the communication link includes a
8 direct audio or video output from the supplemental console to the output device.

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10 13. A system as in claim 11, wherein the communication link includes
11 an input from the supplemental console to the integrated element.

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13 14. A system as in claim 11, wherein the software includes at least one
14 element capable of supporting a game with multiple consoles.

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16 15. A system as in claim 11, wherein the software includes at least one
17 element capable of supporting a multiplayer game.

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19 16. A system as in claim 1, including
20 at least one input device;
21 a memory including software capable of receiving inputs from that at least
22 one input device;

1 the software including elements capable of generating a signal capable of
2 being communicated to an output device;

3 a secure processor capable of executing or interpreting at least some in-
4 structions in the software, and capable of controlling operation of the software, whereby
5 only authorized software can be executed or interpreted.

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7 17. A system as in claim 16, wherein at least some of the memory is
8 disposed in the cartridge.

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10 18. A system as in claim 16, wherein the cartridge includes at least
11 some information capable of authenticating the software.

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13 19. A system as in claim 16, wherein the cartridge includes at least
14 some information capable of replacing or upgrading the software.

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16 20. A design of an integrated console/controller, essentially as shown.